SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO. 9325-3CT1

Not yet assigned

(156244)

APPLICANT:

Doug Ulbrich et al.

FILING DATE

Herewith

Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M.R	AA	3,086,242	4/1963	Cook	18	1	7/15/60
m. P	AB	3,135,642	6/1964	Ruffer	161	36	1 18/61
m.e	AC	3,154,458	10/1964	Mulla	161	36	6/5/6/
gh R	AD	3,245,861	4/1966	Roshkind	156	505	3/24/61
n.R	AE	3,642,555	2/1972	Nagoshi et al.	156	505	118/69
n.p.	AF	4,200,676	4/1980	Caponigro et al.	428	57	40/2118
n.P	AG	4,381,058	10/1995	Chaussadas et al.	206	497	12/4/81
9 . P.	AH	4,375,490	3/1983	Jensen et al.	428	60	11/16/81
mal	AI	4,406,721	9/1983	Hoffmann	156	86	11/1/82
n.P.	AJ	4,473,430	9/1984	Voltmer et al.	156	504	1/6/86
m.P.	AK	4,563,379	1/1986	Krüger	428	61	2/15/83

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
me	AL	2719597	11/1978	Germany			Abstract	
m.R.	AM	0498249	8/1992	EPO	-			
m.P.	AN	59182831	10/1984	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	İ
Green and	
Mare Potterson	10/14/03
EXAMINER: Initial if citation considered, whether or not citation	is in conformance with MPEP 609; Draw line through citation if
not in conformance and not considered. Include a copy of this for	
include a copy of child for	with here commented to applicant.

SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

(156244)

ATTY. DOCKET NO.
9325-3CT1
(156244)

APPLICANT:
Doug Ulbrich et al.

FILING DATE
Herewith

SERIAL NO.
Not yet assigned

GROUP
Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
m.B.	BA	4,645,558	2/1987	Sato	156	351	8/10/84
mil	BB	4,736,775	4/1988	Oxley	138	118.1	12/24/86
& R	BC	4,738,739	4/1988	Schoonderbeek	156	159	1/4/86
n.P.	BD	4,762,289	8/1988	Nuttall	242	58.1	2/20/87
m.P.	BE	4,842,022	6/1989	Oxley et al.	138	118.1	3/31/88
m.P.	BF	4,863,110	9/1989	Sakaguchi et al.	242	56 R	4/19/88
mr.	BG	4,936,076	6/1990	Hautemont	53	453	9/1/88
n.P.	BH	5,134,000	7/1992	Smythe et al.	428	34.9	9/1/90
92 P	BI	5,152,858	10/1992	Winter.	156	157	4/16/91
2.1	BJ	5,236,527	8/1993	Brodsky	156	85	1/9/92
92.P.	BK	5,314,749	5/1994	Shah	428	349	3/19/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
BL							
BM							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BN		
	во		
EXAMINER			DATE CONSIDERED
		Petetron-	10/14/03
EXAMINER:	Initia	l if citation considered, whether or not citatio	n is in conformance with MPEP 609; Draw line through citation if
		e and not considered. Include a copy of this fo	

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	9325-3CT1	SERIAL NO. Not yet assigned
		(156244)	
·		APPLICANT:	_
INFORMATION DIS	CLOSURE CITATION	Doug Ulbrich e	t al.
		FILING DATE	GROUP
		Herewith	Not yet assigned
	U.S. PATENT DO	CUMENTS	
EXAMINER			

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)					
m.P	CA	5,397,615	3/1995	Van Beersel et al.	428	57	7/9/83					
n p	СВ	5,403,635	4/1995	Hoffman	428	34.7	8/10/93					
h.e	CC	5,405,470	4/1995	Held	156	159	2/1/94					
m.P.	CD	5,427,639	6/1995	Minarelli	156	157	3/24/94					
n.B	CE	5,460,878	10/1995	Hostetter	428	349.1	10/26/82					
m.P	CF	5,472,755	12/1995	Nibling, Jr.	428	40	11/4/93					
m.P.	CG	5,904,986	5/1999	Langan	428	41.8	16/16/97					
	СН											
	CI						:					
	CJ											
	CK											

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
CL							
CM							

OTHE	R DO	CUMENTS	(Including	Author,	Title,	Date,	Pertinent	Pages,	_Etc.)		
	CN	•									
	CO										
			_	_							
EXAMINER					DATE (DATE CONSIDERED					
	Man Poltera						16/14/03				
							with MPEP 609; Dr		ough citation if		
not in cor	niormance	e and not con	sidered. Include	a copy of this	form with r	next commun	ication to applica	ant.			

SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

(156244)

ATTY. DOCKET NO.

9325-3CT1

(156244)

APPLICANT:

Doug Ulbrich et al.

FILING DATE

Herewith

Not yet assigned

GROUP

Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	иаме	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
m.P.	DA	5,604,043	2/1997	Ahlgren	428	518	9./20/97
n.P.	DB	5,614,315	3/1997	Kondo et al.	428	332	1/20/95
m.P	DC	5,691,043	11/1997	Keller et al.	428	212	4/20195
m.P.	DD	5,709,599	1/1998	Christensen	452	34	9/16/92
m Pz	DE	5,788,898	8/1998	Nishimura et al.	264	290.2	9/3/87
n.P.	DF	5,809,674	9/1998	Key	40	306	5/2/3/96
m. P.	DG	5,832,162	11/1998	Sarbell	385	99	2/7/97
n.p.	DH	5,876,376	3/1999	Schwab et al.	604	103	12/9/96
m P.	DI	5,904,964	5/1999	Snyder	428	35.1	9/6/94
92.P.	DJ	5,922,154	7/1999	Lowenhaupt et al.	152	531	8/9/96
n.B	DK	6,064,000	5/2000	Kim	174	36	11/29/55
n. Ps	DL	6,291,043	9/2001	Abbott	428	36.9	12/3/99
92-R	DM	6,296,129	10/2001	Kawasaki	215	12.1	9/16/96
n.R	DN	6,337,115	1/2002	McMahon	428	36.9	7/30/99

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
DO			-				
DP			_				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTRER DOCUMENTS			(Including	Auchor,	IILLIE,	Date,	Pertinent	Pages,	ELC.)	
	DQ DR									
EXAMINER					DATE C	CONSIDERED				
		letteror					14/03			
			considered, whethe sidered. Include a						ough citation	if